

Charles Edward Coup

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EDUCATION

B.S. in Forest Science, Forest Management Option, The Pennsylvania State University, University Park, PA
Degree conferred with distinction, August 2006
GPA: Major: 3.84 Overall: 3.68

GRE: Math: 600 Verbal: 490 Analytical Writing 4.0

EXPERIENCE

2007 (Jan. to June) *The Pennsylvania State University, wage payroll
School of Forest Resources, University Park, PA*
Supervisor: Joe Harding
Responsibilities: Manage and maintain the school's greenhouse and plantations. Assist with multiple ongoing research projects in greenhouses and plantations. Assist the Penn State Forestland Management Office with field work on the Stone Valley and Weaver Experimental Forests. Forest measurements field lab instructor.

2006 (Aug.-Dec.) *United States Fish and Wildlife Service, Intern
Pennsylvania Field Office, State College, PA*
Supervisors: Mark Roberts, Steve Klassen
Responsibilities: Designed and administered a 320 acre SILVAH exam of the Palmerton Zinc Pile Superfund Site in Palmerton PA; responsible for 2 foresters, collected soil samples according to protocol throughout SILVAH exam plots. Surveyed, designed, and constructed wetlands, for the Pennsylvania Partners for Fish and Wildlife program on multiple sites (using designCAD). Performed longitudinal and cross sectional profile surveys on multiple reaches of streams throughout Pennsylvania.

2004 (May-Aug.) *Pennsylvania DCNR, Bureau of Forestry, Forestry Intern
Bald Eagle State Forest, Laurelton, PA*
Supervisor: Peter Johnson
Responsibilities: GPS recording and assessment of recreational trails, state forest roads, timber sale boundaries and features, potential old growth reserve stand, state forest boundary corners, ecosystem landscape boundaries, and GPS data correction (using Corvallis GPS units, Garmin 12 GPS unit, PC-GPS computer software, ArcView GIS). Conducted silviculture plot sampling (SILVAH) (using Allegro DOS field PC). Assisted with Pennsylvania Natural Diversity Inventory goshawk impact assessment. Also assisted in tree planting, prescribed burn stand preparation, deer fence maintenance, state forest leased campsite surveys, timber tallying and marking, and conducted a GPS and DGPS lecture and demonstration for a public school teachers conference.

- 2003 (May-Aug.) *Pennsylvania DCNR, Bureau of Forestry, Forestry Intern
Bald Eagle State Forest, Laurelton, PA*
Supervisor: Peter Johnson
Responsibilities: GPS recording and assessment of district's shared use trail system, state forest roads, timber sale boundaries and features, state forest boundary corners, ecosystem landscape boundaries, and performed GPS data correction (using Corvallis GPS units, PC-GPS computer software, ArcView GIS); Conducted silviculture plot sampling (SILVAH) (using Allegro DOS field PC). Also assisted in deer fence maintenance, state forest leased campsite surveys, timber tallying and marking, and trail maintenance. Received certified wildland firefighter basic training (S-130).
- 2002 (May-Aug.) *Pennsylvania DCNR, Bureau of Forestry, Conservation Volunteer
Bald Eagle State Forest, Laurelton, PA*
Supervisor: Tom Strausbaugh
Assisted With: GPS recording of timber sale boundaries and features, state forest boundary corners, (using Corvallis GPS units), silviculture plots (SILVAH), deer fence maintenance; state forest leased campsite surveys, timber tallying and marking, service forester landowner consultations.

PROFESSIONAL DEVELOPMENT

Society of American Foresters: national member since 2003, Penn State SAF student club corresponding secretary 2005-06, 2005 SAF National Quiz Bowl champion team member, Website administrator 2004-06, Placed second in the SAF National Student Webpage Competition. 2003 Chapter of the Year.

International Forestry Trip to the Black Forest of Germany through the Penn State- University of Frieberg exchange program, May 2005.

Conservation Leaders for Tomorrow (CLT): Hunters Education workshop, Max McGraw Wildlife Foundation Dundee, IL, October 2005 (<http://clft.org/>)

HONORS AND AWARDS

Penn State College of Agricultural Sciences Student Marshall, August 2006
Xi Sigma Pi (National Forestry Honor Society): since 2004, Vice-President 2005-06
The National Society of Collegiate Scholars (NSCS)
Phi Eta Sigma National Honor Society
Phi Kappa Phi National Honor Society
Gamma Sigma Delta National Agriculture Honor Society
College Dean's List Seven Semesters
Rumbaugh Agriculture Leadership Award
Frank and Leonore H. Spearey Scholarship in Forest Resources
Woodrow Scholarship
Agchoice Farm Credit Scholarship in the School of Forest Resources
College of Agricultural Sciences Alumni Society Internship Award
Swank Conservation Scholarship

SKILLS

Proficiency with ESRI ArcGIS, and Microsoft office programs (Excel, Word, PowerPoint)
Experienced with CMT GPS system and PC-GPS computer software
Chainsaw certified by Penn State
Certified wildland firefighter [PA 130, S 190, S 130]
Certified tree farm inspector
Certified Pennsylvania Pesticide Applicator

SERVICE

Eagle Scout: Milton, PA., 1998
Penn State Volunteer Wildland firefighter
PA DCNR Bureau of Forestry, Bald Eagle State Forest, Conservation Volunteer, 2002